

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Letters Patent of:  
Robert Denk

Patent No.: 7,508,870

Issued: March 24, 2009

For: **METHOD AND APPARATUS FOR CHANNEL  
ESTIMATION IN RADIO SYSTEMS BY  
MMSE-BASED RECURSIVE FILTERING**

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**REQUEST FOR CERTIFICATE OF CORRECTION  
PURSUANT TO 37 CFR 1.322**

Attention: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Madam:

Upon reviewing the above-identified patent, Patentee noted typographical errors which should be corrected.

**In the Specification:**

Col. 5, line 27, below "values." insert - - Figures 4 and 5 shows the MSE gain plotted against the SINR for the relative speed between the transmitter and receiver. - -, therefor.

Col. 7, line 60, delete "min<sub>a'b'</sub>" and insert - - min<sub>a'b'</sub> - -, therefor.

**In the Claims:**

Col. 9, line 1, Claim 2, delete "claim I," and insert - - claim 1, - -, therefor.

Col. 9, line 5, Claim 3, delete "claim 1," and insert -- claim 1, --, therefor.

The errors were not in the application as filed by Applicant; accordingly no fee is required.

Transmitted herewith is a proposed Certificate of Correction effecting such amendment. Patentee respectfully solicits the granting of the requested Certificate of Correction.

Dated: July 2, 2009

Respectfully submitted,

/Laura C. Brutman/

By \_\_\_\_\_

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CERTIFICATE OF CORRECTION**

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PATENT NO. : 7,508,870

APPLICATION NO. : 10/821,827

ISSUE DATE : March 24, 2009

INVENTOR(S) : Robert Denk

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**In the Specification:**

Col. 5, line 27, below "values." insert -- Figures 4 and 5 shows the MSE gain plotted against the SINR for the relative speed between the transmitter and receiver. --, therefor.

Col. 7, line 60, delete "min<sub>a,b</sub>" and insert -- min<sub>a',b'</sub> --, therefor.

**In the Claims:**

Col. 9, line 1, Claim 2, delete "claim 1," and insert -- claim 1, --, therefor.

Col. 9, line 5, Claim 3, delete "claim 1," and insert -- claim 1, --, therefor.

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